

Contributor Index

Volume 14, 1992

Subject index on page 505.

A

- Adler C-P (see Sun et al). 1992;14:341-346
Adnet J-J (see Ploton et al). 1992;14:14-23
Alberti R (see Mariuzzi et al). 1992;14:137-147
Allende H (see Moragas et al). 1992;14:359-366
Allende H (see Moragas et al). 1992;14:483-490
Arbogast S (see Guzman et al). 1992;14:203-209
Artacho-Pérua E, Roldán-Villalobos R, Roldán-Villalobos A, Salas-Molina J, Vaamonde-Lemos R. Morphometry and Discriminant Analysis of the Endometrium. 1992; 14:320-329
Auer G (see Wallin et al). 1992;14:296-303

B

- Baak JPA (see Jukema et al). 1992;14:120-128
Baak JPA (see Meijer et al). 1992;14:491-498
Bäckdahl M (see Wallin et al). 1992;14:296-303
Bacus SS, Chin DM, Stern RK, Ortiz R, Ruby SG, Weinberg DS. HER-2/neu Oncogene Expression, DNA Ploidy and Proliferation Index in Breast Cancer. 1992; 14:433-445
Bakke A (see Sangueza et al). 1992;14:55-59
Bannister WI (see Lee et al). 1992;14:415-425
Bartels PH (see Lee et al). 1992;14:415-425
Bartels PH, Thompson D, Bibbo M, Weber JE. Bayesian Belief Networks in Quantitative Histopathology. 1992; 14:459-473
Bartels PH, Thompson D, Weber JE. Expert Systems in Histopathology: IV. The Management of Uncertainty. 1992;14:1-13
Bartels PH, Thompson D, Weber JE. Expert Systems in Histopathology: V. DS Theory, Certainty Factors and Possibility Theory. 1992;14:165-174
Beck JS (see Orrell et al). 1992;14:451-458
Beil M (see Martin et al). 1992;14:312-319
Berman JJ (see Seidman et al). 1992;14:113-119
Bibbo M (see Bartels et al). 1992;14:459-473
Bibbo M (see Briscoe et al). 1992;14:105-112
Biesterfeld S (see Sun et al). 1992;14:341-346
Blackburn LD (see Lee et al). 1992;14:32-34
Blank MK (see Krause and Blank). 1992;14:89-95

- Böcking A (see Sun et al). 1992;14:341-346
Bonnet N (see Ploton et al). 1992;14:14-23
Boon ME (see Meulman et al). 1992;14:60-72
Bourzat C (see Ploton et al). 1992;14:14-23
Brett SJ (see Orrell et al). 1992;14:451-458
Briscoe D, Ni K, Wied GL, Montag A, Miller RT, Dytch HE, Bibbo M. Comparison of Estrogen Receptor Immunocytochemical Assay in Frozen and Paraffin Sections. 1992;14:105-112
Brismar B (see Koha et al). 1992;14:367-372
Brooker DC (see Okagaki et al). 1992;14:335-340
Bross KJ (see Guzman et al). 1992;14:203-209
Brugal G (see Morens et al). 1992;14:289-294
Bruno JG, Olson GB. Influence of Cell Cycle Synchronization on Digital Image Analysis of HL-60 Granulopoiesis. 1992;14:24-31

C

- Canellas J-C (see Ploton et al). 1992;14:14-23
Chin DM (see Bacus et al). 1992;14:433-445
Chleq C (see Lesty et al). 1992;14:175-186
Choritz H (see Nafe et al). 1992;14:391-397
Christensson B (see Wallin et al). 1992;14:296-303
Coghill G (see Orrell et al). 1992;14:451-458
Cohen C (see Kennedy et al). 1992;14:304-311
Cohen C, Walker BF, Solomon AR, DeRose PB. DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry. 1992;14:81-88
Coninx P (see Liataud-Roger et al). 1992;14:373-378
Contesso G (see Lesty et al). 1992;14:175-186
Coradini D (see Frigo et al). 1992;14:129-136
Costabel U (see Guzman et al). 1992;14:203-209
Cottier M (see Pasteur et al). 1992;14:96-104
Cowan DF. Implementing a Regulation-Compliant Quality Improvement Program on a Commercial Laboratory Information System. 1992;14:407-414

D

- Davies T (see Thomas et al). 1992;14:347-353
Dejmek A, Stromberg C, Wikström B, Hjerpe A. Prognos-

Contributor Index

Volume 14, 1992

Subject index on page 505.

A

- Adler C-P (see Sun et al). 1992;14:341-346
Adnet J-J (see Ploton et al). 1992;14:14-23
Alberti R (see Mariuzzi et al). 1992;14:137-147
Allende H (see Moragas et al). 1992;14:359-366
Allende H (see Moragas et al). 1992;14:483-490
Arbogast S (see Guzman et al). 1992;14:203-209
Artacho-Pérua E, Roldán-Villalobos R, Roldán-Villalobos A, Salas-Molina J, Vaamonde-Lemos R. Morphometry and Discriminant Analysis of the Endometrium. 1992; 14:320-329
Auer G (see Wallin et al). 1992;14:296-303

B

- Baak JPA (see Jukema et al). 1992;14:120-128
Baak JPA (see Meijer et al). 1992;14:491-498
Bäckdahl M (see Wallin et al). 1992;14:296-303
Bacus SS, Chin DM, Stern RK, Ortiz R, Ruby SG, Weinberg DS. HER-2/neu Oncogene Expression, DNA Ploidy and Proliferation Index in Breast Cancer. 1992; 14:433-445
Bakke A (see Sangueza et al). 1992;14:55-59
Bannister WI (see Lee et al). 1992;14:415-425
Bartels PH (see Lee et al). 1992;14:415-425
Bartels PH, Thompson D, Bibbo M, Weber JE. Bayesian Belief Networks in Quantitative Histopathology. 1992; 14:459-473
Bartels PH, Thompson D, Weber JE. Expert Systems in Histopathology: IV. The Management of Uncertainty. 1992;14:1-13
Bartels PH, Thompson D, Weber JE. Expert Systems in Histopathology: V. DS Theory, Certainty Factors and Possibility Theory. 1992;14:165-174
Beck JS (see Orrell et al). 1992;14:451-458
Beil M (see Martin et al). 1992;14:312-319
Berman JJ (see Seidman et al). 1992;14:113-119
Bibbo M (see Bartels et al). 1992;14:459-473
Bibbo M (see Briscoe et al). 1992;14:105-112
Biesterfeld S (see Sun et al). 1992;14:341-346
Blackburn LD (see Lee et al). 1992;14:32-34
Blank MK (see Krause and Blank). 1992;14:89-95

- Böcking A (see Sun et al). 1992;14:341-346
Bonnet N (see Ploton et al). 1992;14:14-23
Boon ME (see Meulman et al). 1992;14:60-72
Bourzat C (see Ploton et al). 1992;14:14-23
Brett SJ (see Orrell et al). 1992;14:451-458
Briscoe D, Ni K, Wied GL, Montag A, Miller RT, Dytch HE, Bibbo M. Comparison of Estrogen Receptor Immunocytochemical Assay in Frozen and Paraffin Sections. 1992;14:105-112
Brismar B (see Koha et al). 1992;14:367-372
Brooker DC (see Okagaki et al). 1992;14:335-340
Bross KJ (see Guzman et al). 1992;14:203-209
Brugal G (see Morens et al). 1992;14:289-294
Bruno JG, Olson GB. Influence of Cell Cycle Synchronization on Digital Image Analysis of HL-60 Granulopoiesis. 1992;14:24-31

C

- Canellas J-C (see Ploton et al). 1992;14:14-23
Chin DM (see Bacus et al). 1992;14:433-445
Chleq C (see Lesty et al). 1992;14:175-186
Choritz H (see Nafe et al). 1992;14:391-397
Christensson B (see Wallin et al). 1992;14:296-303
Coghill G (see Orrell et al). 1992;14:451-458
Cohen C (see Kennedy et al). 1992;14:304-311
Cohen C, Walker BF, Solomon AR, DeRose PB. DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry. 1992;14:81-88
Coninx P (see Liataud-Roger et al). 1992;14:373-378
Contesso G (see Lesty et al). 1992;14:175-186
Coradini D (see Frigo et al). 1992;14:129-136
Costabel U (see Guzman et al). 1992;14:203-209
Cottier M (see Pasteur et al). 1992;14:96-104
Cowan DF. Implementing a Regulation-Compliant Quality Improvement Program on a Commercial Laboratory Information System. 1992;14:407-414

D

- Davies T (see Thomas et al). 1992;14:347-353
Dejmek A, Stromberg C, Wikström B, Hjerpe A. Prognos-

- tic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura. 1992;14:217-221
Delisle M-J (see Liautaud-Roger et al). 1992;14:373-378
DeRose PB (see Cohen et al). 1992;14:81-88
DeRose PB (see Kennedy et al). 1992;14:304-311
de Waal FC (see Jukema et al). 1992;14:120-128
Diamanti L (see Montironi et al). 1992;14:379-385
Dufer J (see Liautaud-Roger et al). 1992;14:373-378
Dytch HE (see Briscoe et al). 1992;14:105-112

E

- El-Badawy N (see Kennedy et al). 1992;14:304-311
Epstein JP (see Tardif et al). 1992;14:474-482
Esinhart JD (see Lee et al). 1992;14:32-34
Estrada JA, Greimers R, Maguina-Vargas C, Piérard GE. Nuclear Planimetry and DNA Flow Cytometry of Verruga Peruana. 1992;14:354-358

F

- Feingold M (see Gottlieb et al). 1992;14:41-46
Finke R (see Guzman et al). 1992;14:203-209
Fleege JC (see Meijer et al). 1992;14:491-498
Forsslund G, Kreicbergs A, Nilsson B, Zetterberg A. Photographic Densitometry for Quantitative DNA Analysis of Cytologic and Histologic Specimens. 1992;14:153-160
Franc B (see Salmon et al). 1992;14:47-54
Frigo B, Pilotti S, Coradini D, La Malfa G, Rilke F. Estrogen and Progesterone Receptors in Breast Cancer: Immunohistochemical Assay on Scraping Material. 1992;14:129-136

G

- García-Bonafé M (see Moragas et al). 1992;14:359-366
García-Bonafé M (see Moragas et al). 1992;14:483-490
Gasperin P (see Salmon et al). 1992;14:47-54
Georgii A (see Nafe et al). 1992;14:391-397
Glaser A (see Guzman et al). 1992;14:427-432
Gottlieb C, Kini S, Feingold M. Cytomorphometric Analysis of Small Cell Neoplasms of the Lung from Specimens Obtained via Bronchoscopy. 1992;14:41-46
Gottschalk J (see Martin et al). 1992;14:312-319
Grant A (see Orrell et al). 1992;14:451-458
Greimers R (see Estrada et al). 1992;14:354-358
Grimelius L (see Wallin et al). 1992;14:296-303
Guzman J, Arbogast S, Brosse KJ, Finke R, Costabel U. Effect of Storage Time of Pleural Effusions on Immunocytochemical Cell Surface Analysis of Tumor Cells. 1992;14:203-209
Guzman J, Rückmann A, Glaser A, Wittekind C, Schönfeld B, Kiefer G. DNA Cytophotometric Analysis of Breast Cancer: Follow-up for 10 Years. 1992;14:427-432

H

- Hammond EH (see Zhou et al). 1992;14:73-80
Heimann R (see Salmon et al). 1992;14:47-54
Herman B (see Lockett et al). 1992;14:187-202
Hjerpe A (see Dejmek et al). 1992;14:217-221
Hufnagl P (see Martin et al). 1992;14:312-319
Huguet P (see Moragas et al). 1992;14:359-366
Huguet P (see Moragas et al). 1992;14:483-490
Hutchinson ML, Isenstein LM, Martin JJ, Zahniser DJ. Measurement of Subvisual Changes in Cervical Squamous Metaplastic Cells for Detecting Abnormality. 1992;14:330-334
Hyder DM (see Sangueza et al). 1992;14:55-59

I

- Isenstein LM (see Hutchinson et al). 1992;14:330-334
Ivanyi J (see Orrell et al). 1992;14:451-458

J

- Jacobson K (see Lockett et al). 1992;14:187-202
Jacquillat C (see Lesty et al). 1992;14:175-186
Janssens J (see Pieters et al). 1992;14:227-232
Johnston D (see Schultz et al). 1992;14:35-40
Jordan WH (see Schaberg et al). 1992;14:446-450
Jukema JW, van Diest PJ, de Waal FC, Baak JPA. Prognostic Value of Morphometry in Acute Lymphoblastic Leukemia of Childhood. 1992;14:120-128

K

- Kaloutsi V (see Nafe et al). 1992;14:391-397
Katz RL (see Schultz et al). 1992;14:35-40
Kennedy JC, El-Badawy N, DeRose PB, Cohen C. Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems. 1992;14:304-311
Kiefer G (see Guzman et al). 1992;14:427-432
Kini S (see Gottlieb et al). 1992;14:41-46
Kiss R (see Salmon et al). 1992;14:47-54
Koha M, Wikström B, Brismar B. Colorectal Carcinoma: DNA Ploidy Pattern and Prognosis with Reference to Tumor DNA Heterogeneity. 1992;14:367-372
Koudstaal J (see Pieters et al). 1992;14:227-232
Krause JR, Blank MK. DNA Content in Fresh Versus Paraffin-Embedded Tissue: Flow Cytometric Analysis of 100 Tumors. 1992;14:89-95
Kreicbergs A (see Forsslund et al). 1992;14:153-160
Krief B (see Morens et al). 1992;14:289-294
Kuan LC (see Lee et al). 1992;14:415-425
Kuyatt BL (see Schaberg et al). 1992;14:446-450

L

- La Malfa G (see Frigo et al). 1992;14:129-136
Lau M (see Okagaki et al). 1992;14:238-244

- Lau M (see Okagaki et al). 1992;14:335-340
- Lau M, Okagaki T. Information, Discrimination and Divergence in Cytology: V. General Symmetry of Total Discrimination and Total Divergence. 1992;14:233-237
- Laurent JL (see Pasteur et al). 1992;14:96-104
- Lechki C (see Ploton et al). 1992;14:14-23
- Lee JSJ, Bannister WI, Kuan LC, Bartels PH, Nelson AC. A Processing Strategy for Automated Papanicolaou Smear Screening. 1992;14:415-425
- Lee T-K, Esinhart JD, Blackburn LD, Silverman JF. The Size of Small Cell Lung Carcinoma Cells: Ratio to Lymphocytes and Correlation with Specimen Size and Crush Artifact. 1992;14:32-34
- Lesty C, Cleq C, Contesso G, Jacquierat C. Nucleoli and AgNOR Proteins in 32 Cases of Primary Breast Carcinoma: Spatial Pattern of Interactions Between 50 Clinical and Histometric Criteria. 1992;14:175-186
- Liautaud-Roger F, Dufer J, Delisle M-J, Coninx P. Thyroid Neoplasms: Can We Do Any Better with Quantitative Cytology? 1992;14:373-378
- Lockett SJ, Jacobson K, Herman B. Quantitative Precision of an Automated, Fluorescence-Based Image Cytometer. 1992;14:187-202
- Luxmoore AR (see Thomas et al). 1992;14:347-353

M

- Maguina-Vargas C (see Estrada et al). 1992;14:354-358
- Mariuzzi G, Santinelli A, Valli M, Sisti S, Montironi R, Mariuzzi L, Alberti R, Pisani E. Cytometric Evidence That Cervical Intraepithelial Neoplasias I and II Are Dysplasias Rather Than True Neoplasias: An Image Analysis Study of Factors Involved in the Progression of Cervical Lesions. 1992;14:137-147
- Mariuzzi L (see Mariuzzi et al). 1992;14:137-147
- Martin H, Hufnagl P, Beil M, Wenzelides K, Gottschalk J, Rahn W. Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions. 1992;14:312-319
- Martin JJ (see Hutchinson et al). 1992;14:330-334
- Maubon I (see Pasteur et al). 1992;14:96-104
- Meijer GA, van Diest PJ, Fleeg JC, Baak JPA. Syntactic Structure Analysis of the Arrangement of Nuclei in Dysplastic Epithelium of Colorectal Adenomatous Polyps. 1992;14:491-498
- Meulman JJ, Zeppa P, Boon ME, Rietveld WJ. Prediction of Various Grades of Cervical Neoplasia on Plastic-Embedded Cytobrush Samples: Discriminant Analysis with Qualitative and Quantitative Predictors. 1992;14:60-72
- Miller RT (see Briscoe et al). 1992;14:105-112
- Mohler JL (see Tardif et al). 1992;14:474-482
- Montag A (see Briscoe et al). 1992;14:105-112
- Montironi R (see Mariuzzi et al). 1992;14:137-147
- Montironi R, Diamanti L, Santinelli A, Scarpelli M. Computer-Aided S-Phase Fraction Determination in

- DNA Static Cytometry in Breast Cancer: A Preliminary Methodologic Study on Cytologic Material. 1992;14:379-385

- Moore GW (see Seidman et al). 1992;14:113-119
- Moragas A, Allende H, Sans M, Vidal M-T, García-Bonafé M, Huguet P. Cirrhotic Changes in Livers from Children Undergoing Transplantation: Image Analysis. 1992;14:359-366
- Moragas A, Allende H, Sans M, Vidal M-T, García-Bonafé M, Huguet P. Mathematical Morphological Analysis of Liver Cirrhosis: Correlation with Etiology, Clinical Score and Hepatocellular Carcinoma. 1992;14:483-490
- Morens A, Krief B, Brugal G. The HOME Microscope Workstation: A New Tool for Cervical Cancer Screening. 1992;14:289-294

N

- Nafe R, Kaloutsi V, Choritz H, Georgii A. Elliptic Fourier Analysis of Megakaryocyte Nuclei in Chronic Myeloproliferative Disorders. 1992;14:391-397
- Nelson AC (see Lee et al). 1992;14:415-425
- Ni K (see Briscoe et al). 1992;14:105-112
- Nilsson B (see Forsslund et al). 1992;14:153-160

O

- Okagaki T (see Lau and Okagaki). 1992;14:233-237
- Okagaki T, Lau M, Brooker DC, Zelterman D. Morphologic Scales and Relative Distances Between Lesions Identified on Papanicolaou Smears. 1992;14:335-340
- Okagaki T, Lau M, Zelterman D. Information, Discrimination and Divergence in Cytology: VI. Biases and Errors of Measurement in Small Samples. 1992;14:238-244
- Olson GB (see Bruno and Olson). 1992;14:24-31
- Oosterhuis JW (see Pieters et al). 1992;14:227-232
- Ordonez NG (see Schultz et al). 1992;14:35-40
- Orrell JM, Brett SJ, Ivanyi J, Coghill G, Grant A, Beck JS. Measurement of the Immunoperoxidase Staining of Macrophages Within Liver Granulomata of Mice Infected with *Mycobacterium tuberculosis*. 1992;14:451-458
- Ortiz R (see Bacus et al). 1992;14:433-445

P

- Pallander J (see Sangueza et al). 1992;14:55-59
- Parker DL (see Zhou et al). 1992;14:73-80
- Parrado C (see Sánchez et al). 1992;14:386-390
- Partin AW (see Tardif et al). 1992;14:474-482
- Pasteels J-L (see Salmon et al). 1992;14:47-54
- Pasteur X, Maubon I, Sabido O, Cottier M, Laurent JL. Comparison of the Chromatin Stainability of Human Spermatozoa Separated by Discontinuous Percoll Gradient Centrifugation: A Flow Cytometric Contribution. 1992;14:96-104

- Patel S (see Schultz et al). 1992;14:35-40
Perez de Vargas I (see Sanchez et al). 1992;14:386-390
Perkins M (see Sangueza et al). 1992;14:55-59
Piérard GE (see Estrada et al). 1992;14:354-358
Pieters WJLM, Koudstaal J, Ploem-Zaayer JJ, Janssens J, Oosterhuis JW. The Three-Group Metaphase as a Morphologic Indicator of High-Ploidy Cells in Cervical Intraepithelial Neoplasia. 1992;14:227-232
Pilotti S (see Frigo et al). 1992;14:129-136
Pinto MM. DNA Analysis of Malignant Effusions: Comparison with Cytologic Diagnosis and Carcinoembryonic Antigen Content. 1992;14:222-226
Pisani E (see Mariuzzi et al). 1992;14:137-147
Ploem-Zaayer JJ (see Pieters et al). 1992;14:227-232
Ploton D, Visseaux-Coletto B, Canellas J-C, Bourzat C, Adnet J-J, Lechki C, Bonnet N. Semiautomatic Quantification of Silver-Stained Nucleolar Organizer Regions in Tissue Sections and Cellular Smears. 1992;14:14-23
Preston K Jr, Siderits R. New Techniques for Three-Dimensional Data Analysis in Histopathology. 1992;14:398-406

Q

- Qaqish B (see Tardif et al). 1992;14:474-482

R

- Rahn W (see Martin et al). 1992;14:312-319
Remple N (see Sangueza et al). 1992;14:55-59
Rietveld WJ (see Meulman et al). 1992;14:60-72
Rilke F (see Frigo et al). 1992;14:129-136
Roldán-Villalobos A (see Artacho-Pérula et al). 1992;14:320-329
Roldán-Villalobos R (see Artacho-Pérula et al). 1992;14:320-329
Ruby SG (see Bacus et al). 1992;14:433-445
Rückmann A (see Guzman et al). 1992;14:427-432

S

- Sabido O (see Pasteur et al). 1992;14:96-104
Salas-Molina J (see Artacho-Pérula et al). 1992;14:320-329
Salmon I, Kiss R, Franc B, Gasperin P, Heimann R, Pasteels J-L, Verhest A. Comparison of Morphonuclear Features in Normal, Benign and Neoplastic Thyroid Tissue by Digital Cell Image Analysis. 1992;14:47-54
Sánchez P, Vidal L, Parrado C, Perez de Vargas I. Application of Morphometric Methods to the Cytologic Study of Intradermal Nevi. 1992;14:386-390
Sangueza OP, Hyder DM, White CR Jr, Pallander J, Perkins M, Remple N, Bakke A. Comparison of Image Analysis with Flow Cytometry for DNA Content Analysis in Pigmented Lesions of the Skin. 1992;14:55-59

- Sans M (see Moragas et al). 1992;14:359-366
Sans M (see Moragas et al). 1992;14:483-490
Santinelli A (see Mariuzzi et al). 1992;14:137-147
Santinelli A (see Montironi et al). 1992;14:379-385
Scarpelli M (see Montironi et al). 1992;14:379-385
Schaberg ES, Jordan WH, Kuyatt BL. Artificial Intelligence in Automated Classification of Rat Vaginal Smear Cells. 1992;14:446-450
Schönfeld B (see Guzman et al). 1992;14:427-432
Schultz DS, Katz RL, Patel S, Johnston D, Ordonez NG. Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples. 1992;14:35-40
Seidman JD, Berman JJ, Moore GW, Yetter RA. Multi-parameter DNA Flow Cytometry of Keratoacanthoma. 1992;14:113-119
Siderits R (see Preston and Siderits). 1992;14:398-406
Silverman JF (see Lee et al). 1992;14:32-34
Sisti S (see Mariuzzi et al). 1992;14:137-147
Solomon AR (see Cohen et al). 1992;14:81-88
Stenkvist BG (see Wang et al). 1992;14:210-216
Stern RK (see Bacus et al). 1992;14:433-445
Stromberg C (see Dejmek et al). 1992;14:217-221
Sun D, Biesterfeld S, Adler C-P, Böcking A. Prediction of Recurrence in Giant Cell Bone Tumors by DNA Cytometry. 1992;14:341-346

T

- Tardif CP, Partin AW, Qaqish B, Epstein JP, Mohler JL. Comparison of Nuclear Shape in Aspirated and Histologic Specimens of Prostatic Carcinoma. 1992;14:474-482
Thomas ADH, Davies T, Luxmoore AR. The Hough Transform for Locating Cell Nuclei. 1992;14:347-353
Thompson D (see Bartels et al). 1992;14:1-13
Thompson D (see Bartels et al). 1992;14:165-174
Thompson D (see Bartels et al). 1992;14:459-473
Tribukait B (see Wang et al). 1992;14:210-216

V

- Vaamonde-Lemos R (see Artacho-Pérula et al). 1992;14:320-329
Valli M (see Mariuzzi et al). 1992;14:137-147
van Diest PJ (see Jukema et al). 1992;14:120-128
van Diest PJ (see Meijer et al). 1992;14:491-498
Verhest A (see Salmon et al). 1992;14:47-54
Vidal L (see Sánchez et al). 1992;14:386-390
Vidal M-T (see Moragas et al). 1992;14:359-366
Vidal M-T (see Moragas et al). 1992;14:483-490
Visseaux-Coletto B (see Ploton et al). 1992;14:14-23

W

- Walker BF (see Cohen et al). 1992;14:81-88

- Wallin G, Bäckdahl M, Christensson B, Grimalius L, Auer G. Nuclear Protein Content and Ki-67 Immunoreactivity in Nonneoplastic and Neoplastic Thyroid Cells. 1992;14:296-303
- Wang LF (*see* Xu and Wang). 1992;14:148-152
- Wang N, Stenkvist BG, Tribukait B. Morphometry of Nuclei of the Normal and Malignant Prostate in Relation to DNA Ploidy. 1992;14:210-216
- Weber JE (*see* Bartels et al.). 1992;14:1-13
- Weber JE (*see* Bartels et al.). 1992;14:165-174
- Weber JE (*see* Bartels et al.). 1992;14:459-473
- Weinberg DS (*see* Bacus et al.). 1992;14:433-445
- Wenzelides K (*see* Martin et al.). 1992;14:312-319
- White CR Jr (*see* Sangueza et al.). 1992;14:55-59
- Wied GL (*see* Briscoe et al.). 1992;14:105-112
- Wikström B (*see* Dejmek et al.). 1992;14:217-221
- Wikström B (*see* Koha et al.). 1992;14:367-372
- Wittekind C (*see* Guzman et al.). 1992;14:427-432

X

- Xu LZ, Wang LF. Nucleolar Organizer Regions in Aspirates of Malignant Lymphomas and Benign Disorders of the Lymph Nodes. 1992;14:148-152

Y

- Yetter RA (*see* Seidman et al.). 1992;14:113-119

Z

- Zahniser DJ (*see* Hutchinson et al.). 1992;14:330-334
- Zelterman D (*see* Okagaki et al.). 1992;14:238-244
- Zelterman D (*see* Okagaki et al.). 1992;14:335-340
- Zeppa P (*see* Meulman et al.). 1992;14:60-72
- Zetterberg A (*see* Forsslund et al.). 1992;14:153-160
- Zhou R, Parker DL, Hammond EH. Quantitative Peroxidase-Antiperoxidase Complex-Substrate Mass Determination in Tissue Sections by a Dual Wavelength Method. 1992;14:73-80

Subject Index

Volume 14, 1992

Contributor index on page 500.

A

AgNORs

Nucleoli and AgNOR Proteins in 32 Cases of Primary Breast Carcinoma: Spatial Pattern of Interactions Between 50 Clinical and Histometric Criteria (Lesty et al), 1992;14:175-186

Artifacts

The Size of Small Cell Lung Carcinoma Cells: Ratio to Lymphocytes and Correlation with Specimen Size and Crush Artifact (Lee et al), 1992;14:32-34

Artificial intelligence

Artificial Intelligence in Automated Classification of Rat Vaginal Smear Cells (Schaberg et al), 1992;14:446-450

Automatic data processing

New Techniques for Three-Dimensional Data Analysis in Histopathology (Preston and Siderits), 1992;14:398-406

B

Bartonella infections

Nuclear Planimetry and DNA Flow Cytometry of Verruga Peruana (Estrada et al), 1992;14:354-358

Bayesian belief networks. See Bayes theorem

Bayes theorem

Bayesian Belief Networks in Quantitative Histopathology (Bartels et al), 1992;14:459-473

Bladder neoplasms

Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319

Bone neoplasms

Prediction of Recurrence in Giant Cell Bone Tumors by DNA Cytometry (Sun et al), 1992;14:341-346

Breast neoplasms

Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems (Kennedy et al), 1992;14:304-311

Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples (Schultz et al), 1992;14:35-40

Computer-Aided S-Phase Fraction Determination in DNA Static Cytometry in Breast Cancer: A Preliminary Methodologic Study on Cytologic Material (Montironi et al), 1992;14:379-385

DNA Cytophotometric Analysis of Breast Cancer: Follow-up for 10 Years (Guzman et al), 1992;14:427-432

Estrogen and Progesterone Receptors in Breast Cancer: Immunohistochemical Assay on Scraping Material (Frigo et al), 1992;14:129-136

HER-2/neu Oncogene Expression, DNA Ploidy and Proliferation Index in Breast Cancer (Bacus et al), 1992;14:433-445

Nucleoli and AgNOR Proteins in 32 Cases of Primary Breast Carcinoma: Spatial Pattern of Interactions Between 50 Clinical and Histometric Criteria (Lesty et al), 1992;14:175-186

Bronchoscopy

Cytomorphometric Analysis of Small Cell Neoplasms of the Lung from Specimens Obtained via Bronchoscopy (Gottlieb et al), 1992;14:41-46

C

Carcinoembryonic antigen

DNA Analysis of Malignant Effusions: Comparison with Cytologic Diagnosis and Carcinoembryonic Antigen Content (Pinto), 1992;14:222-226

Carcinoma

Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems (Kennedy et al), 1992;14:304-311

Comparison of Nuclear Shape in Aspirated and Histologic Specimens of Prostatic Carcinoma (Tardif et al), 1992;14:474-482

Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples (Schultz et al), 1992;14:35-40

Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319

Nucleoli and AgNOR Proteins in 32 Cases of Primary Breast Carcinoma: Spatial Pattern of Interactions

- Between 50 Clinical and Histometric Criteria (Lesty et al), 1992;14:175-186
- Carcinoma, oat cell**
- The Size of Small Cell Lung Carcinoma Cells: Ratio to Lymphocytes and Correlation with Specimen Size and Crush Artifact (Lee et al), 1992;14:32-34
- CAS-200**
- Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples (Schultz et al), 1992;14:35-40
- Cell cycle**
- Influence of Cell Cycle Synchronization on Digital Image Analysis of HL-60 Granulopoiesis (Bruno and Olson), 1992;14:24-31
- Cell nucleus**
- The Hough Transform for Locating Cell Nuclei (Thomas et al), 1992;14:347-353
- Cell surface analysis**
- Effect of Storage Time of Pleural Effusions on Immunocytochemical Cell Surface Analysis of Tumor Cells (Guzman et al), 1992;14:203-209
- Centrifugation**
- Comparison of the Chromatin Stainability of Human Spermatozoa Separated by Discontinuous Percoll Gradient Centrifugation: A Flow Cytometric Contribution (Pasteur et al), 1992;14:96-104
- Cervical intraepithelial neoplasia**
- Cytometric Evidence That Cervical Intraepithelial Neoplasias I and II Are Dysplasias Rather Than True Neoplasias: An Image Analysis Study of Factors Involved in the Progression of Cervical Lesions (Mariuzzi et al), 1992;14:137-147
- Cervix diseases**
- A Processing Strategy for Automated Papanicolaou Smear Screening (Lee et al), 1992;14:415-425
- Cervix neoplasms**
- Cytometric Evidence That Cervical Intraepithelial Neoplasias I and II Are Dysplasias Rather Than True Neoplasias: An Image Analysis Study of Factors Involved in the Progression of Cervical Lesions (Mariuzzi et al), 1992;14:137-147
- The HOME Microscope Workstation: A New Tool for Cervical Cancer Screening (Morens et al), 1992;14:289-294
- Measurement of Subvisual Changes in Cervical Squamous Metaplastic Cells for Detecting Abnormality (Hutchinson et al), 1992;14:330-334
- Prediction of Various Grades of Cervical Neoplasia on Plastic-Embedded Cytobrush Samples: Discriminant Analysis with Qualitative and Quantitative Predictors (Meulman et al), 1992;14:60-72
- The Three-Group Metaphase as a Morphologic Indicator of High-Ploidy Cells in Cervical Intraepithelial Neoplasia (Pieters et al), 1992;14:227-232
- Chromatin**
- Comparison of the Chromatin Stainability of Human Spermatozoa Separated by Discontinuous Percoll Gradient Centrifugation: A Flow Cytometric Contribution (Pasteur et al), 1992;14:96-104
- Clinical laboratory information systems**
- Implementing a Regulation-Compliant Quality Improvement Program on a Commercial Laboratory Information System (Cowan), 1992;14:407-414
- Colonic polyps**
- Syntactic Structure Analysis of the Arrangement of Nuclei in Dysplastic Epithelium of Colorectal Adenomatous Polyps (Meijer et al), 1992;14:491-498
- Colorectal neoplasms**
- Colorectal Carcinoma: DNA Ploidy Pattern and Prognosis with Reference to Tumor DNA Heterogeneity (Koha et al), 1992;14:367-372
- Syntactic Structure Analysis of the Arrangement of Nuclei in Dysplastic Epithelium of Colorectal Adenomatous Polyps (Meijer et al), 1992;14:491-498
- Complex-substrate mass determination**
- Quantitative Peroxidase-Antiperoxidase Complex-Substrate Mass Determination in Tissue Sections by a Dual Wavelength Method (Zhou et al), 1992;14:73-80
- Cytobrush**
- Prediction of Various Grades of Cervical Neoplasia on Plastic-Embedded Cytobrush Samples: Discriminant Analysis with Qualitative and Quantitative Predictors (Meulman et al), 1992;14:60-72
- Cytometry**
- Computer-Aided S-Phase Fraction Determination in DNA Static Cytometry in Breast Cancer: A Preliminary Methodologic Study on Cytologic Material (Montironi et al), 1992;14:379-385
- Cytometric Evidence That Cervical Intraepithelial Neoplasias I and II Are Dysplasias Rather Than True Neoplasias: An Image Analysis Study of Factors Involved in the Progression of Cervical Lesions (Mariuzzi et al), 1992;14:137-147
- Prediction of Recurrence in Giant Cell Bone Tumors by DNA Cytometry (Sun et al), 1992;14:341-346
- Cytomorphometry**
- Cytomorphometric Analysis of Small Cell Neoplasms of the Lung from Specimens Obtained via Bronchoscopy (Gottlieb et al), 1992;14:41-46
- Cytophotometry**
- DNA Cytophotometric Analysis of Breast Cancer: Follow-up for 10 Years (Guzman et al), 1992;14:427-432
- D**
- Densitometry**
- Photographic Densitometry for Quantitative DNA Analysis of Cytologic and Histologic Specimens (Forsslund et al), 1992;14:153-160
- Discriminant analysis**
- Morphometry and Discriminant Analysis of the Endometrium (Artacho-Pérula et al), 1992;14:320-329
- Prediction of Various Grades of Cervical Neoplasia on

- Plastic-Embedded Cytobrush Samples: Discriminant Analysis with Qualitative and Quantitative Predictors (Meulman et al), 1992;14:60-72
- DNA**
- Colorectal Carcinoma: DNA Ploidy Pattern and Prognosis with Reference to Tumor DNA Heterogeneity (Kohal et al), 1992;14:367-372
- Comparison of Image Analysis with Flow Cytometry for DNA Content Analysis in Pigmented Lesions of the Skin (Sangueza et al), 1992;14:55-59
- DNA Analysis of Malignant Effusions: Comparison with Cytologic Diagnosis and Carcinoembryonic Antigen Content (Pinto), 1992;14:222-226
- DNA Content in Fresh Versus Paraffin-Embedded Tissue: Flow Cytometric Analysis of 100 Tumors (Krause and Blank), 1992;14:89-95
- DNA Cytophotometric Analysis of Breast Cancer: Follow-up for 10 Years (Guzman et al), 1992;14:427-432
- DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry (Cohen et al), 1992;14:81-88
- HER-2/neu Oncogene Expression, DNA Ploidy and Proliferation Index in Breast Cancer (Bacus et al), 1992;14:433-445
- Morphometry of Nuclei of the Normal and Malignant Prostate in Relation to DNA Ploidy (Wang et al), 1992;14:210-216
- Multiparameter DNA Flow Cytometry of Keratoacanthoma (Seidman et al), 1992;14:113-119
- Nuclear Planimetry and DNA Flow Cytometry of Verruga Peruana (Estrada et al), 1992;14:354-358
- Photographic Densitometry for Quantitative DNA Analysis of Cytologic and Histologic Specimens (Forsslund et al), 1992;14:153-160
- Prediction of Recurrence in Giant Cell Bone Tumors by DNA Cytometry (Sun et al), 1992;14:341-346
- Prognostic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura (Dejmek et al), 1992;14:217-221
- DNA ploidy pattern**
- Colorectal Carcinoma: DNA Ploidy Pattern and Prognosis with Reference to Tumor DNA Heterogeneity (Kohal et al), 1992;14:367-372
- E**
- Ear**
- DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry (Cohen et al), 1992;14:81-88
- Elliptic fourier analysis**
- Elliptic Fourier Analysis of Megakaryocyte Nuclei in Chronic Myeloproliferative Disorders (Nafe et al), 1992;14:391-397
- Endometrium**
- Morphometry and Discriminant Analysis of the Endometrium (Artacho-Pérula et al), 1992;14:320-329
- Expert systems**
- Expert Systems in Histopathology: IV. The Management of Uncertainty (Bartels et al), 1992;14:1-13
- Expert Systems in Histopathology: V. DS Theory, Certainty Factors and Possibility Theory (Bartels et al), 1992;14:165-174
- F**
- Flow cytometry**
- Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems (Kennedy et al), 1992;14:304-311
- Comparison of Image Analysis with Flow Cytometry for DNA Content Analysis in Pigmented Lesions of the Skin (Sangueza et al), 1992;14:55-59
- Comparison of the Chromatin Stainability of Human Spermatozoa Separated by Discontinuous Percoll Gradient Centrifugation: A Flow Cytometric Contribution (Pasteur et al), 1992;14:96-104
- DNA Content in Fresh Versus Paraffin-Embedded Tissue: Flow Cytometric Analysis of 100 Tumors (Krause and Blank), 1992;14:89-95
- DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry (Cohen et al), 1992;14:81-88
- Multiparameter DNA Flow Cytometry of Keratoacanthoma (Seidman et al), 1992;14:113-119
- Nuclear Planimetry and DNA Flow Cytometry of Verruga Peruana (Estrada et al), 1992;14:354-358
- Quantitative Precision of an Automated, Fluorescence-Based Image Cytometer (Lockett et al), 1992;14:187-202
- G**
- Georg Burger**
- In Memoriam: Georg Burger, Ph.D.—1936-1992, 1992;14:295
- Glioma**
- Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319
- Granuloma**
- Measurement of the Immunoperoxidase Staining of Macrophages Within Liver Granulomata of Mice Infected with *Mycobacterium tuberculosis* (Orrell et al), 1992;14:451-458
- Granulopoiesis**
- Influence of Cell Cycle Synchronization on Digital Image Analysis of HL-60 Granulopoiesis (Bruno and Olson), 1992;14:24-31
- H**
- HER-2/neu oncogene**
- HER-2/neu Oncogene Expression, DNA Ploidy and Pro-

- liferation Index in Breast Cancer (Bacus et al), 1992; 14:433-445
- Histopathology**
- Expert Systems in Histopathology: IV. The Management of Uncertainty (Bartels et al), 1992;14:1-13
- Expert Systems in Histopathology: V. DS Theory, Certainty Factors and Possibility Theory (Bartels et al), 1992;14:165-174
- New Techniques for Three-Dimensional Data Analysis in Histopathology (Preston and Siderits), 1992;14:398-406
- HOME microscope workstation**
- The HOME Microscope Workstation: A New Tool for Cervical Cancer Screening (Morens et al), 1992;14:289-294
- Hough transform**
- The Hough Transform for Locating Cell Nuclei (Thomas et al), 1992;14:347-353
- I**
- Image analysis**
- Comparison of Image Analysis with Flow Cytometry for DNA Content Analysis in Pigmented Lesions of the Skin (Sangueza et al), 1992;14:55-59
- Image cytometry**
- DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry (Cohen et al), 1992;14:81-88
- Image processing, computer-assisted**
- Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems (Kennedy et al), 1992;14:304-311
- Comparison of Morphonuclear Features in Normal, Benign and Neoplastic Thyroid Tissue by Digital Cell Image Analysis (Salmon et al), 1992;14:47-54
- Influence of Cell Cycle Synchronization on Digital Image Analysis of HL-60 Granulopoiesis (Bruno and Olson), 1992;14:24-31
- Quantitative Precision of an Automated, Fluorescence-Based Image Cytometer (Lockett et al), 1992;14:187-202
- Immunocytochemistry**
- Comparison of Estrogen Receptor Immunocytochemical Assay in Frozen and Paraffin Sections (Briscoe et al), 1992;14:105-112
- Effect of Storage Time of Pleural Effusions on Immunocytochemical Cell Surface Analysis of Tumor Cells (Guzman et al), 1992;14:203-209
- Immunoenzyme techniques**
- Measurement of the Immunoperoxidase Staining of Macrophages Within Liver Granulomata of Mice Infected with *Mycobacterium tuberculosis* (Orrell et al), 1992;14: 451-458
- Quantitative Peroxidase-Antiperoxidase Complex-Substrate Mass Determination in Tissue Sections by a Dual Wavelength Method (Zhou et al), 1992;14:73-80

- Immunohistochemistry**
- Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples (Schultz et al), 1992;14:35-40
- Estrogen and Progesterone Receptors in Breast Cancer: Immunohistochemical Assay on Scraping Material (Frigo et al), 1992;14:129-136
- Information theory**
- Information, Discrimination and Divergence in Cytology: V. General Symmetry of Total Discrimination and Total Divergence (Lau and Okagaki), 1992;14:233-237
- Information, Discrimination and Divergence in Cytology: VI. Biases and Errors of Measurement in Small Samples (Okagaki et al), 1992;14:238-244
- K**
- Keratoacanthoma**
- Multiparameter DNA Flow Cytometry of Keratoacanthoma (Seidman et al), 1992;14:113-119
- Ki-67**
- Comparison of Cell Proliferation in Breast Carcinoma Using Image Analysis (Ki-67) and Flow Cytometric Systems (Kennedy et al), 1992;14:304-311
- Nuclear Protein Content and Ki-67 Immunoreactivity in Nonneoplastic and Neoplastic Thyroid Cells (Wallin et al), 1992;14:296-303
- L**
- Leukemia, lymphocytic, acute, L1**
- Prognostic Value of Morphometry in Acute Lymphoblastic Leukemia of Childhood (Jukema et al), 1992;14: 120-128
- Liver**
- Cirrhotic Changes in Livers from Children Undergoing Transplantation: Image Analysis (Moragas et al), 1992;14:359-366
- Liver cirrhosis**
- Cirrhotic Changes in Livers from Children Undergoing Transplantation: Image Analysis (Moragas et al), 1992;14:359-366
- Mathematical Morphologic Analysis of Liver Cirrhosis: Correlation with Etiology, Clinical Score and Hepatocellular Carcinoma (Moragas et al), 1992;14:483-490
- Liver diseases**
- Measurement of the Immunoperoxidase Staining of Macrophages Within Liver Granulomata of Mice Infected with *Mycobacterium tuberculosis* (Orrell et al), 1992;14: 451-458
- Liver neoplasms**
- Mathematical Morphologic Analysis of Liver Cirrhosis: Correlation with Etiology, Clinical Score and Hepatocellular Carcinoma (Moragas et al), 1992;14:483-490
- Liver transplantation**
- Cirrhotic Changes in Livers from Children Undergoing

Transplantation: Image Analysis (Moragas et al), 1992;14:359-366

Lung neoplasms

Cytomorphometric Analysis of Small Cell Neoplasms of the Lung from Specimens Obtained via Bronchoscopy (Gottlieb et al), 1992;14:41-46

The Size of Small Cell Lung Carcinoma Cells: Ratio to Lymphocytes and Correlation with Specimen Size and Crush Artifact (Lee et al), 1992;14:32-34

Lymph nodes

Nucleolar Organizer Regions in Aspirates of Malignant Lymphomas and Benign Disorders of the Lymph Nodes (Xu and Wang), 1992;14:148-152

Lymphoma

Nucleolar Organizer Regions in Aspirates of Malignant Lymphomas and Benign Disorders of the Lymph Nodes (Xu and Wang), 1992;14:148-152

M

Management of uncertainty

Expert Systems in Histopathology: IV. The Management of Uncertainty (Bartels et al), 1992;14:1-13

Mathematical morphology

Mathematical Morphologic Analysis of Liver Cirrhosis: Correlation with Etiology, Clinical Score and Hepatocellular Carcinoma (Moragas et al), 1992;14:483-490

Megakaryocyte nuclei

Elliptic Fourier Analysis of Megakaryocyte Nuclei in Chronic Myeloproliferative Disorders (Nafe et al), 1992;14:391-397

Melanoma

DNA Ploidy and Cell Cycle Analysis in Ear Malignant Melanoma by Flow and Image Cytometry (Cohen et al), 1992;14:81-88

Meningioma

Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319

Mesothelioma

Prognostic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura (Dejmek et al), 1992;14:217-221

Metaphase

The Three-Group Metaphase as a Morphologic Indicator of High-Ploidy Cells in Cervical Intraepithelial Neoplasia (Pieters et al), 1992;14:227-232

Metaplasia

Measurement of Subvisual Changes in Cervical Squamous Metaplastic Cells for Detecting Abnormality (Hutchinson et al), 1992;14:330-334

Microscopy

The HOME Microscope Workstation: A New Tool for Cervical Cancer Screening (Morens et al), 1992;14:289-294

Morphology

Morphologic Scales and Relative Distances Between Lesions Identified on Papanicolaou Smears (Okagaki et al), 1992;14:335-340

Morphometry

Application of Morphometric Methods to the Cytologic Study of Intradermal Nevi (Sánchez et al), 1992;14:386-390

Morphometry and Discriminant Analysis of the Endometrium (Artacho-Pérula et al), 1992;14:320-329

Morphometry of Nuclei of the Normal and Malignant Prostate in Relation to DNA Ploidy (Wang et al), 1992;14:210-216

Prognostic Value of Morphometry in Acute Lymphoblastic Leukemia of Childhood (Jukema et al), 1992;14:120-128

Morphonuclear features

Comparison of Morphonuclear Features in Normal, Benign and Neoplastic Thyroid Tissue by Digital Cell Image Analysis (Salmon et al), 1992;14:47-54

Mycobacterium tuberculosis

Measurement of the Immunoperoxidase Staining of Macrophages Within Liver Granulomata of Mice Infected with *Mycobacterium tuberculosis* (Orrell et al), 1992;14:451-458

Myeloproliferative disorders

Elliptic Fourier Analysis of Megakaryocyte Nuclei in Chronic Myeloproliferative Disorders (Nafe et al), 1992;14:391-397

N

Nevus

Application of Morphometric Methods to the Cytologic Study of Intradermal Nevi (Sánchez et al), 1992;14:386-390

Nuclear planimetry

Nuclear Planimetry and DNA Flow Cytometry of Verruga Peruana (Estrada et al), 1992;14:354-358

Nuclear protein content

Nuclear Protein Content and Ki-67 Immunoreactivity in Nonneoplastic and Neoplastic Thyroid Cells (Wallin et al), 1992;14:296-303

Nuclear shape

Comparison of Nuclear Shape in Aspirated and Histologic Specimens of Prostatic Carcinoma (Tardif et al), 1992;14:474-482

Nucleolus organizer region

Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319

Nucleolar Organizer Regions in Aspirates of Malignant Lymphomas and Benign Disorders of the Lymph Nodes (Xu and Wang), 1992;14:148-152

Semiautomatic Quantification of Silver-Stained Nucleolar

Organizer Regions in Tissue Sections and Cellular Smears (Ploton et al), 1992;14:14-23

P

Papanicolaou smears. See Vaginal smears

Peroxidase-antiperoxidase

Quantitative Peroxidase-Antiperoxidase Complex-Substrate Mass Determination in Tissue Sections by a Dual Wavelength Method (Zhou et al), 1992;14:73-80

Pleural effusion

Effect of Storage Time of Pleural Effusions on Immunocytochemical Cell Surface Analysis of Tumor Cells (Guzman et al), 1992;14:203-209

Pleural neoplasms

Nucleolar Organizer Region-Associated Proteins in Cancer Cells: Quantitative Investigations on Gliomas, Meningiomas, Urinary Bladder Carcinomas and Pleural Lesions (Martin et al), 1992;14:312-319

Prognostic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura (Dejmek et al), 1992;14:217-221

Ploidies

Morphometry of Nuclei of the Normal and Malignant Prostate in Relation to DNA Ploidy (Wang et al), 1992;14:210-216

Prognostic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura (Dejmek et al), 1992;14:217-221

The Three-Group Metaphase as a Morphologic Indicator of High-Ploidy Cells in Cervical Intraepithelial Neoplasia (Pieters et al), 1992;14:227-232

Probability theory

Expert Systems in Histopathology: IV. The Management of Uncertainty (Bartels et al), 1992;14:1-13

Prognosis

Prognostic Importance of the DNA Ploidy Pattern in Malignant Mesothelioma of the Pleura (Dejmek et al), 1992;14:217-221

Prognostic Value of Morphometry in Acute Lymphoblastic Leukemia of Childhood (Jukema et al), 1992;14:120-128

Proliferation index

HER-2/neu Oncogene Expression, DNA Ploidy and Proliferation Index in Breast Cancer (Bacus et al), 1992;14:433-445

Prostatic neoplasms

Comparison of Nuclear Shape in Aspirated and Histologic Specimens of Prostatic Carcinoma (Tardif et al), 1992;14:474-482

Morphometry of Nuclei of the Normal and Malignant Prostate in Relation to DNA Ploidy (Wang et al), 1992;14:210-216

Q

Quality assurance, health care

Implementing a Regulation-Compliant Quality Improve-

ment Program on a Commercial Laboratory Information System (Cowan), 1992;14:407-414

Quantitation

Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples (Schultz et al), 1992;14:35-40

Quantitative histopathology

Bayesian Belief Networks in Quantitative Histopathology (Bartels et al), 1992;14:459-473

R

Receptors, estrogen

Comparison of Estrogen Receptor Immunocytochemical Assay in Frozen and Paraffin Sections (Briscoe et al), 1992;14:105-112

Estrogen and Progesterone Receptors in Breast Cancer: Immunohistochemical Assay on Scraping Material (Frigo et al), 1992;14:129-136

Receptors, progesterone

Estrogen and Progesterone Receptors in Breast Cancer: Immunohistochemical Assay on Scraping Material (Frigo et al), 1992;14:129-136

Revised Bethesda System

The Revised Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses: Report of the 1991 Bethesda Workshop, 1992;14:161-163

S

Second International Conference on the Computerized Cytology and Histology Laboratory

Abstracts, 1992;14:245-288

Semiautomatic quantification

Semiautomatic Quantification of Silver-Stained Nucleolar Organizer Regions in Tissue Sections and Cellular Smears (Ploton et al), 1992;14:14-23

Skin

Comparison of Image Analysis with Flow Cytometry for DNA Content Analysis in Pigmented Lesions of the Skin (Sangueza et al), 1992;14:55-59

Spermatozoa

Comparison of the Chromatin Stainability of Human Spermatozoa Separated by Discontinuous Percoll Gradient Centrifugation: A Flow Cytometric Contribution (Pasteur et al), 1992;14:96-104

S-phase fraction determination

Computer-Aided S-Phase Fraction Determination in DNA Static Cytometry in Breast Cancer: A Preliminary Methodologic Study on Cytologic Material (Montironi et al), 1992;14:379-385

Subvisual changes

Measurement of Subvisual Changes in Cervical Squamous Metaplastic Cells for Detecting Abnormality (Hutchinson et al), 1992;14:330-334

Syntactic structure analysis

Syntactic Structure Analysis of the Arrangement of Nuclei

in Dysplastic Epithelium of Colorectal Adenomatous Polyps (Meijer et al), 1992;14:491-498

T

Three-dimensional data analysis

New Techniques for Three-Dimensional Data Analysis in Histopathology (Preston and Siderits), 1992;14:398-406

Thyroid gland

Comparison of Morphonuclear Features in Normal, Benign and Neoplastic Thyroid Tissue by Digital Cell Image Analysis (Salmon et al), 1992;14:47-54

Thyroid neoplasms

Nuclear Protein Content and Ki-67 Immunoreactivity in Nonneoplastic and Neoplastic Thyroid Cells (Wallin et al), 1992;14:296-303

Thyroid Neoplasms: Can We Do Any Better with Quantitative Cytology? (Liautaud-Roger et al), 1992;14:373-378

V

Vaginal smears

Artificial Intelligence in Automated Classification of Rat Vaginal Smear Cells (Schaberg et al), 1992;14:446-450

The HOME Microscope Workstation: A New Tool for Cervical Cancer Screening (Morens et al), 1992;14:289-294

Morphologic Scales and Relative Distances Between Lesions Identified on Papanicolaou Smears (Okagaki et al), 1992;14:335-340

A Processing Strategy for Automated Papanicolaou Smear Screening (Lee et al), 1992;14:415-425

Verruga peruana. See *Bartonella infections*